



FEMA



Prepared by
Matt Anderson

FEMA Region 6 Weather Threat Briefing

Wednesday, June 19, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

Wednesday

- **Severe storms with damaging winds/hail being the main threats along with isolated heavy rainfall/flash flooding possible across NE TX/AR/SE OK into N LA.**
 - **An isolated tornado or two possible across NE TX.**

Thursday - Sunday

- **No significant weather impacts expected.**

Major River Flooding or Known Evacuations

- **The Mississippi River continues to slowly crest and will slowly recede through the week.**

Tropical Weather Outlook

- **Tropical cyclone formation is not expected during the next 5 days.**

FEMA Region 6 Threat Matrix

June 19, 2019 – Jun 23, 2019



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	NETX				
	SE OK/AR/N LA				
Heavy Rain / Flash Flooding	NETX				
	SE OK/AR/N LA				
Fire Weather					
Tropical Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

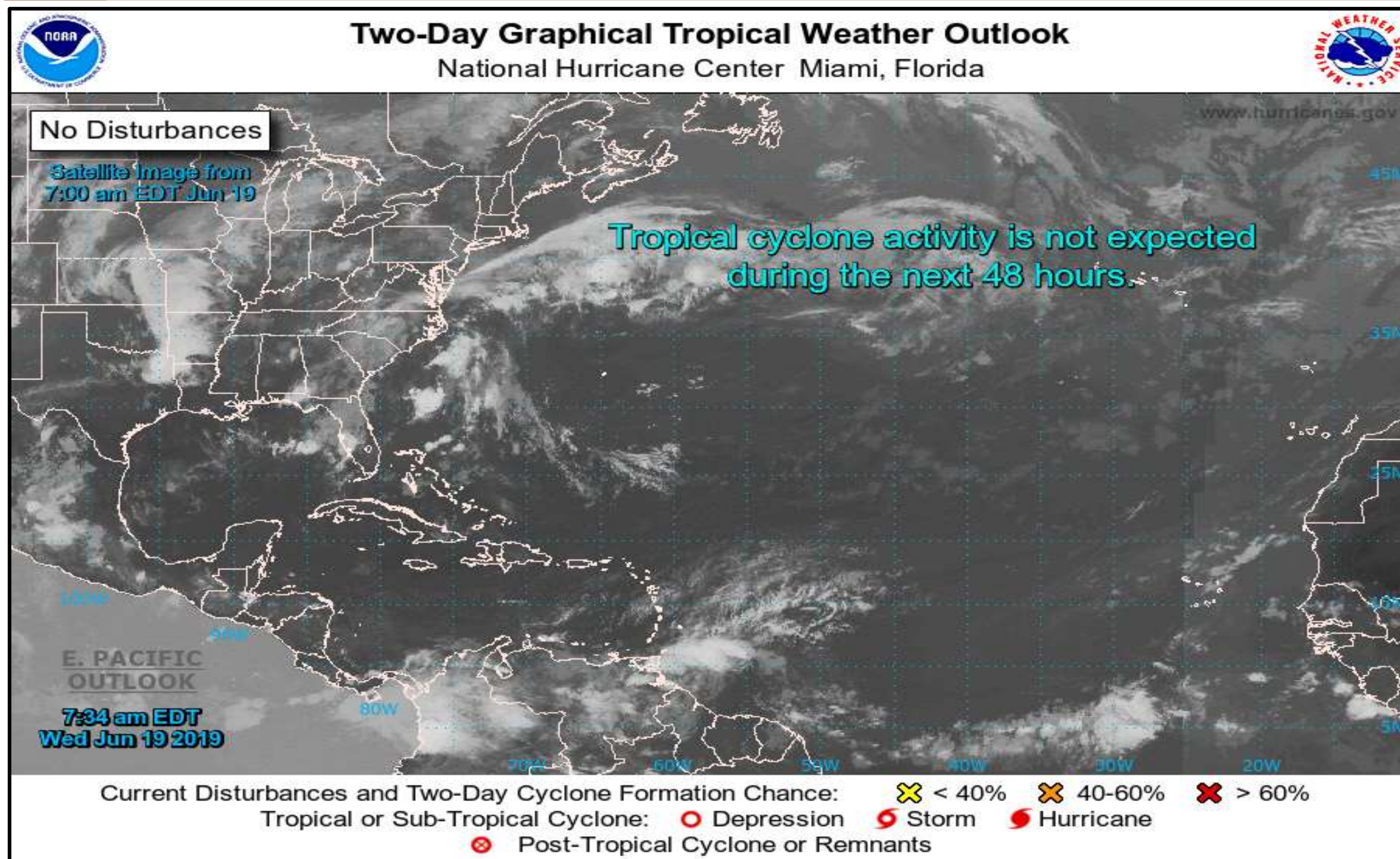
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

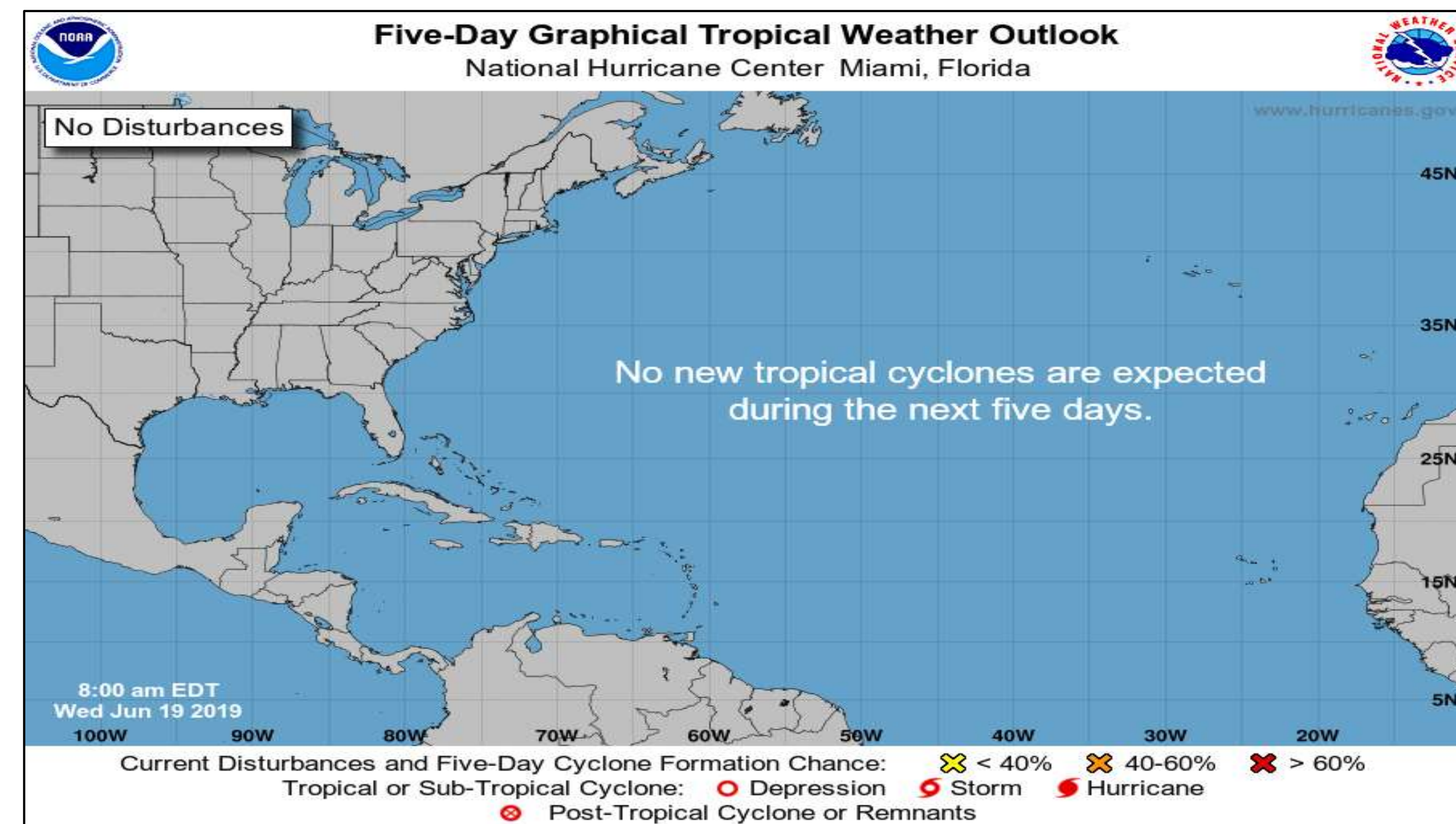
Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER



Tropical cyclone formation is not expected during the next 5 days.

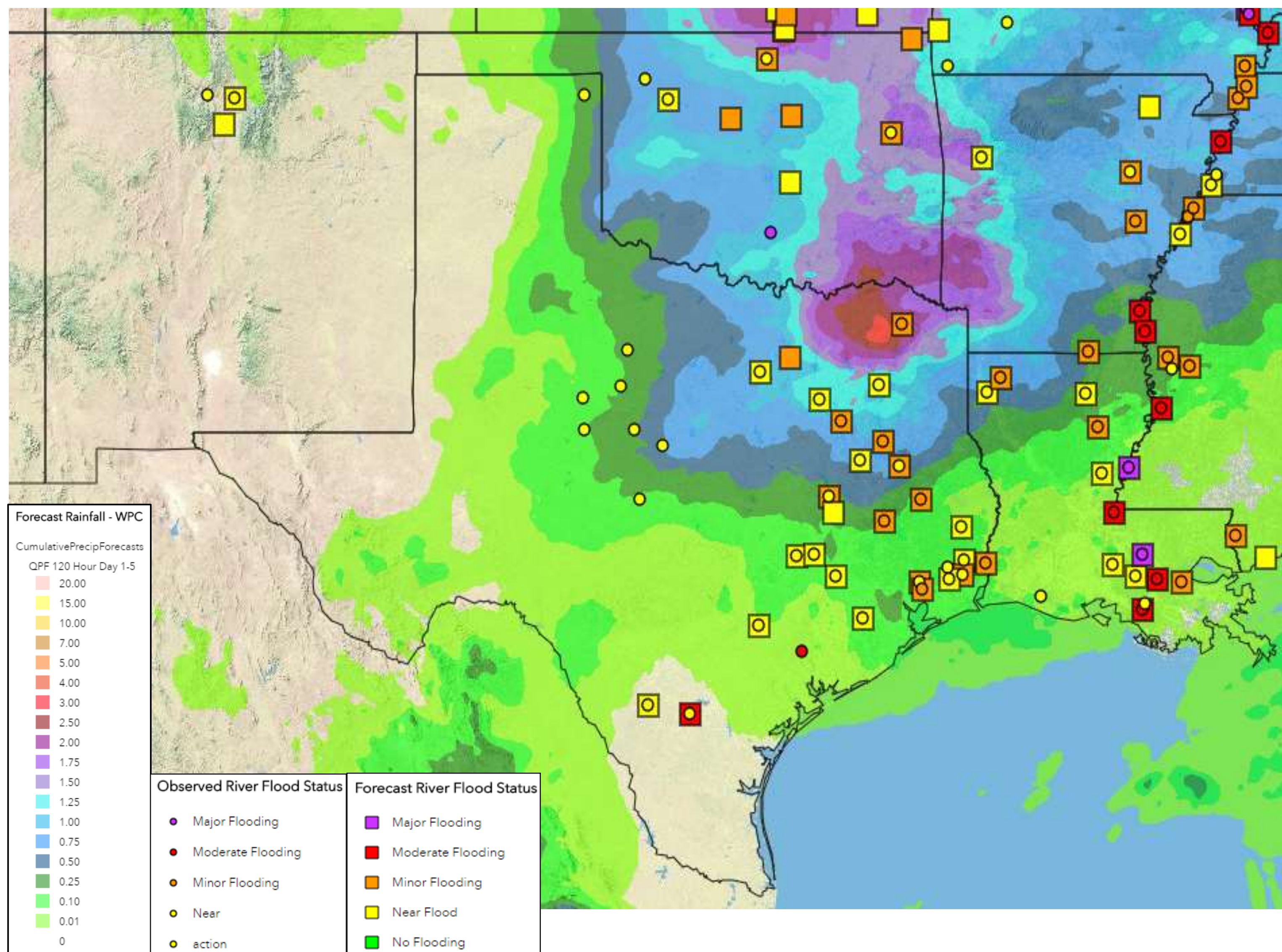


5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

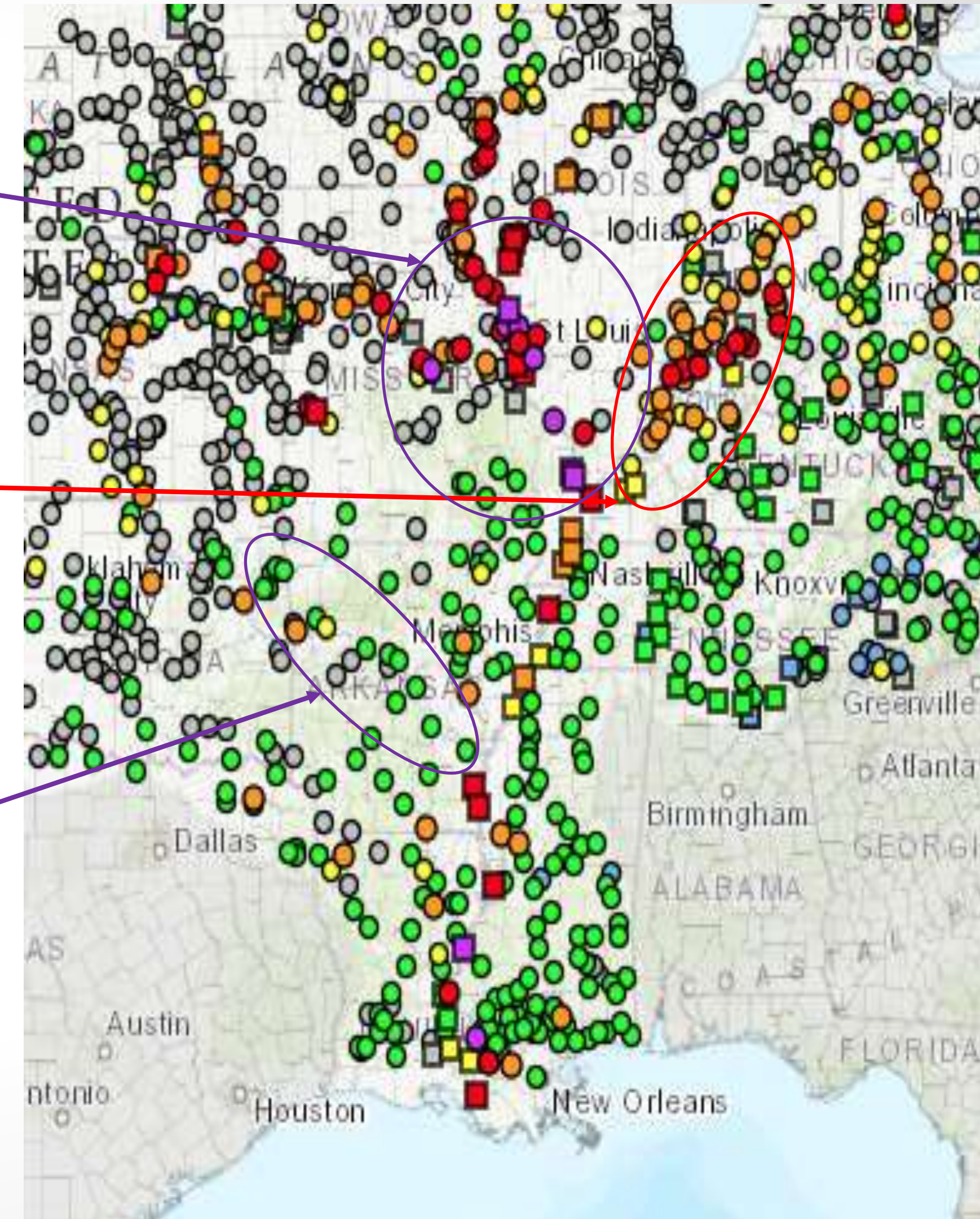


The Mississippi River will continue to slowly crest and recede.

- **Osceola:** Has crested in moderate flood stage (32.3 ft) and will slowly recede with mostly agricultural flooding and some roads impacted.
- **Near Arkansas City,** the river crested at 43.18 ft and is slowly receding; many roads still cut off.
- **At Red River Landing** the river crested at 61.27 ft with mostly agricultural/recreational impacts.
- **Baton Rouge** has crested but remains in major flood above (43 ft) with shipping and industrial impacts. **Moderate flood stage is 38 feet or lower.**

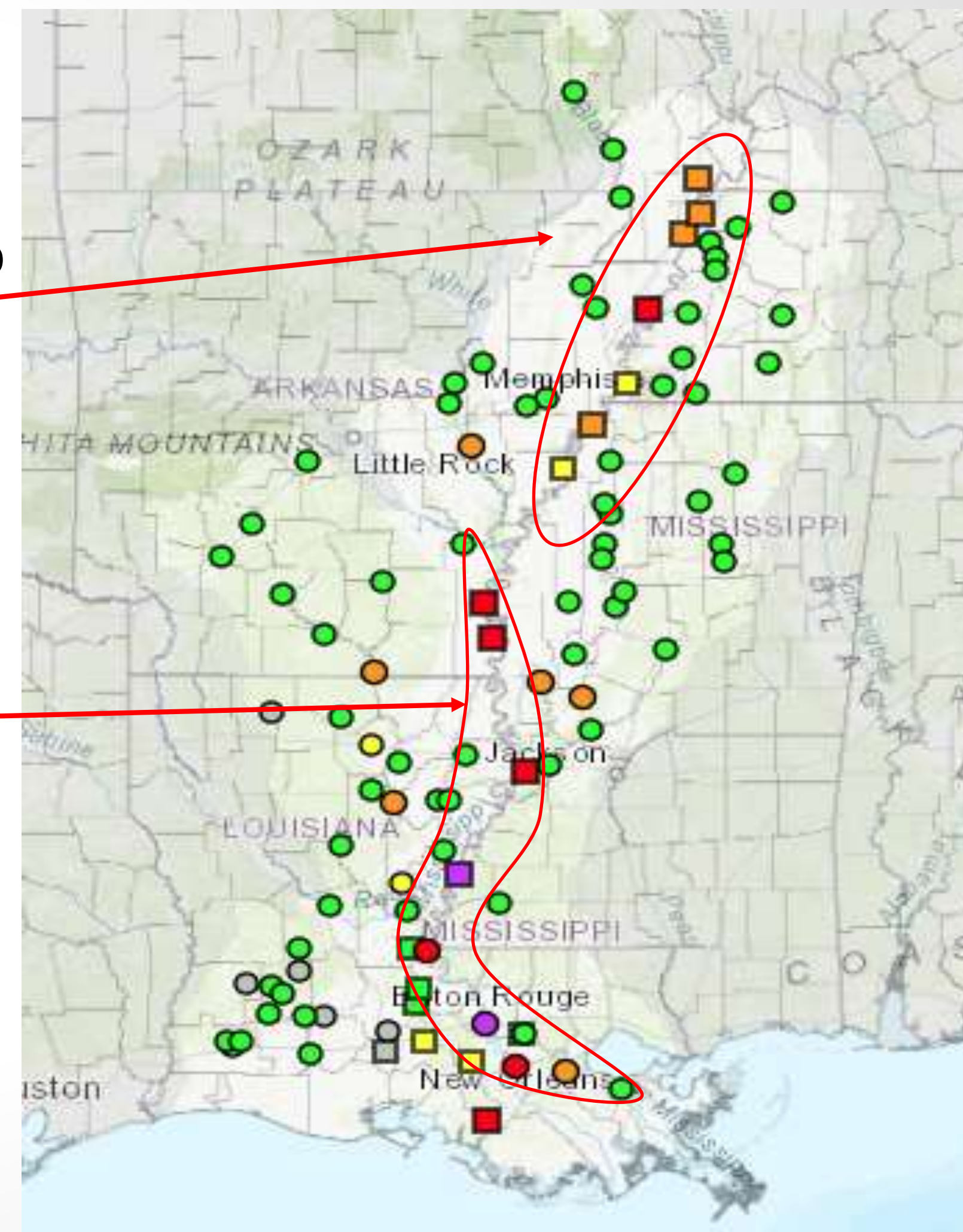
Upper Portion of the Mississippi River Drainage

- **Moderate to Major** flooding continues to dwindle on the MO, MS, & IL Rivers. All locations continue to fall.
- **Minor to Moderate** flooding is forecast on the OH River. Cresting conditions are not expected to reach the MS River junction for another week.
- **Minor** flooding is confined to the upper reaches of the AR River. All locations have crested on the lower AR River and should remain below flood stage.
- Heavy rain over MO, IL, & OH Valley would slow recessions on the lower MS River.



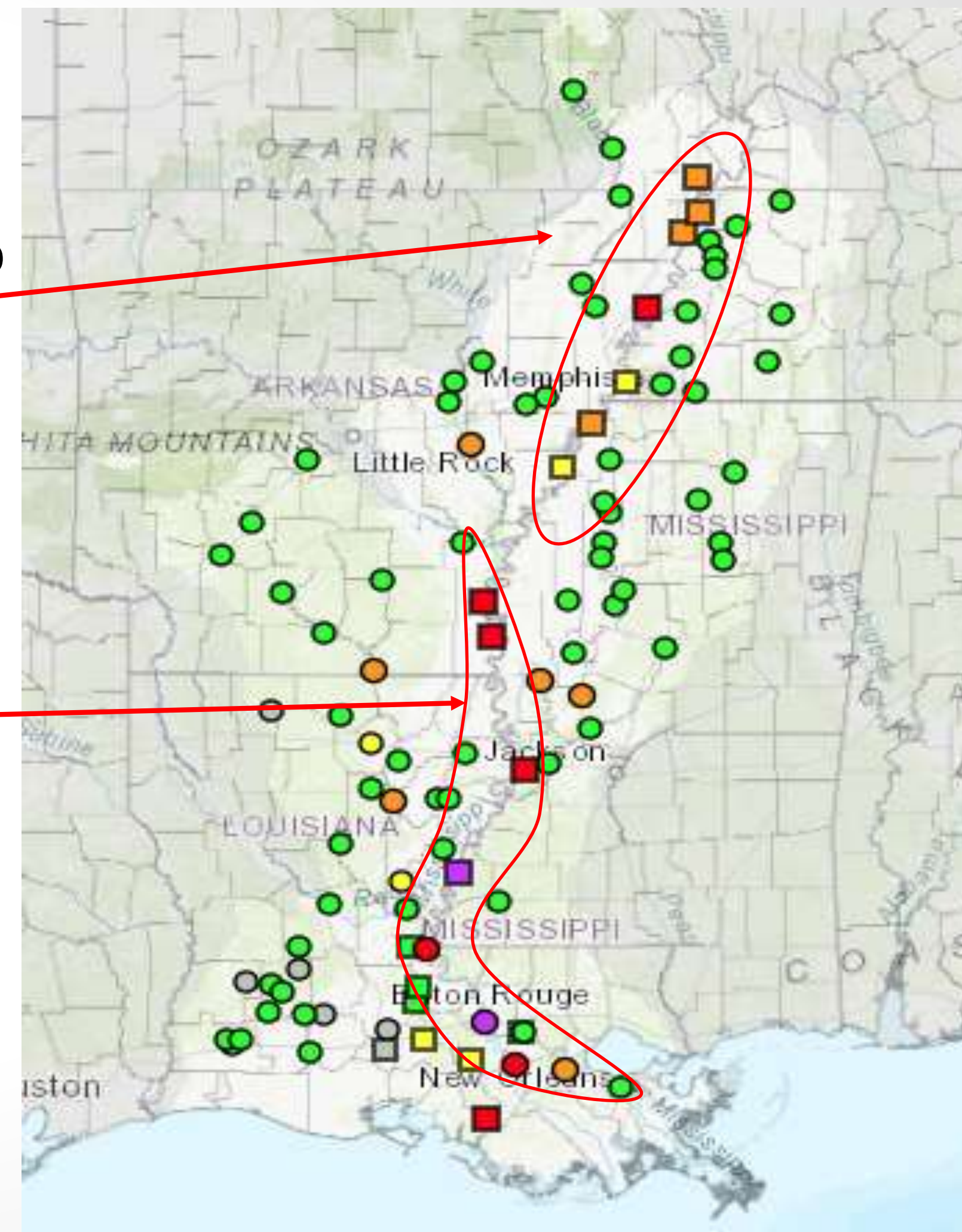
Lower Mississippi River

- The Lower Mississippi River is currently falling from New Madrid, MO downstream to Helena, AR. Minor rises of less than a foot are expected during the next 1 to 2 weeks.
- All locations have crested and the rises from the OH River will only slow the recessions over the next few weeks.
- The Bonnet Carré spillway will continue to operate for the next 3 to 4 weeks.



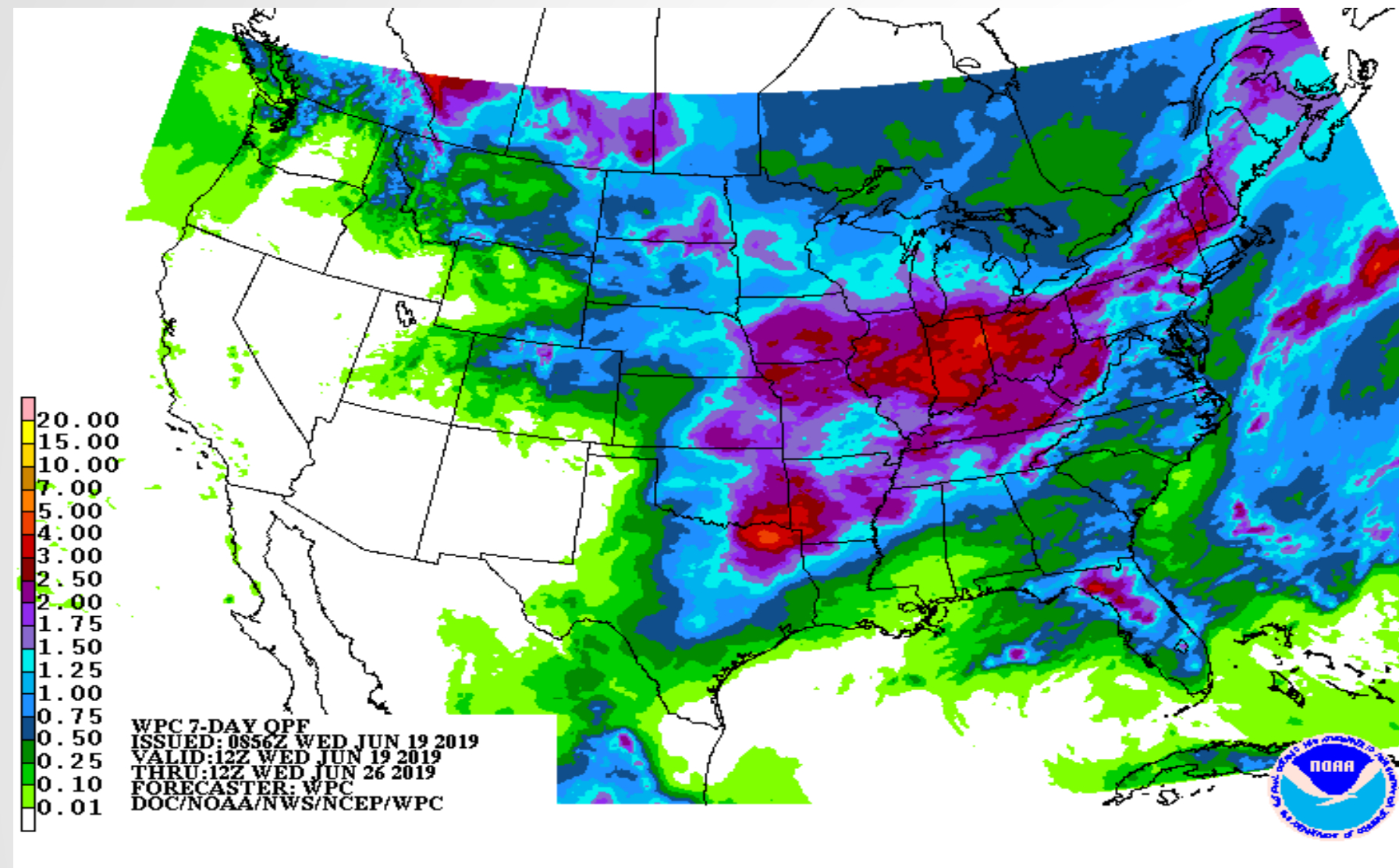
Lower Mississippi River

- The Lower Mississippi River is currently falling from New Madrid, MO downstream to Helena, AR. Minor rises of less than a foot are expected during the next 1 to 2 weeks.
- All locations have crested and the rises from the OH River will only slow the recessions over the next few weeks.
- The Bonnet Carré spillway will continue to operate for the next 3 to 4 weeks.

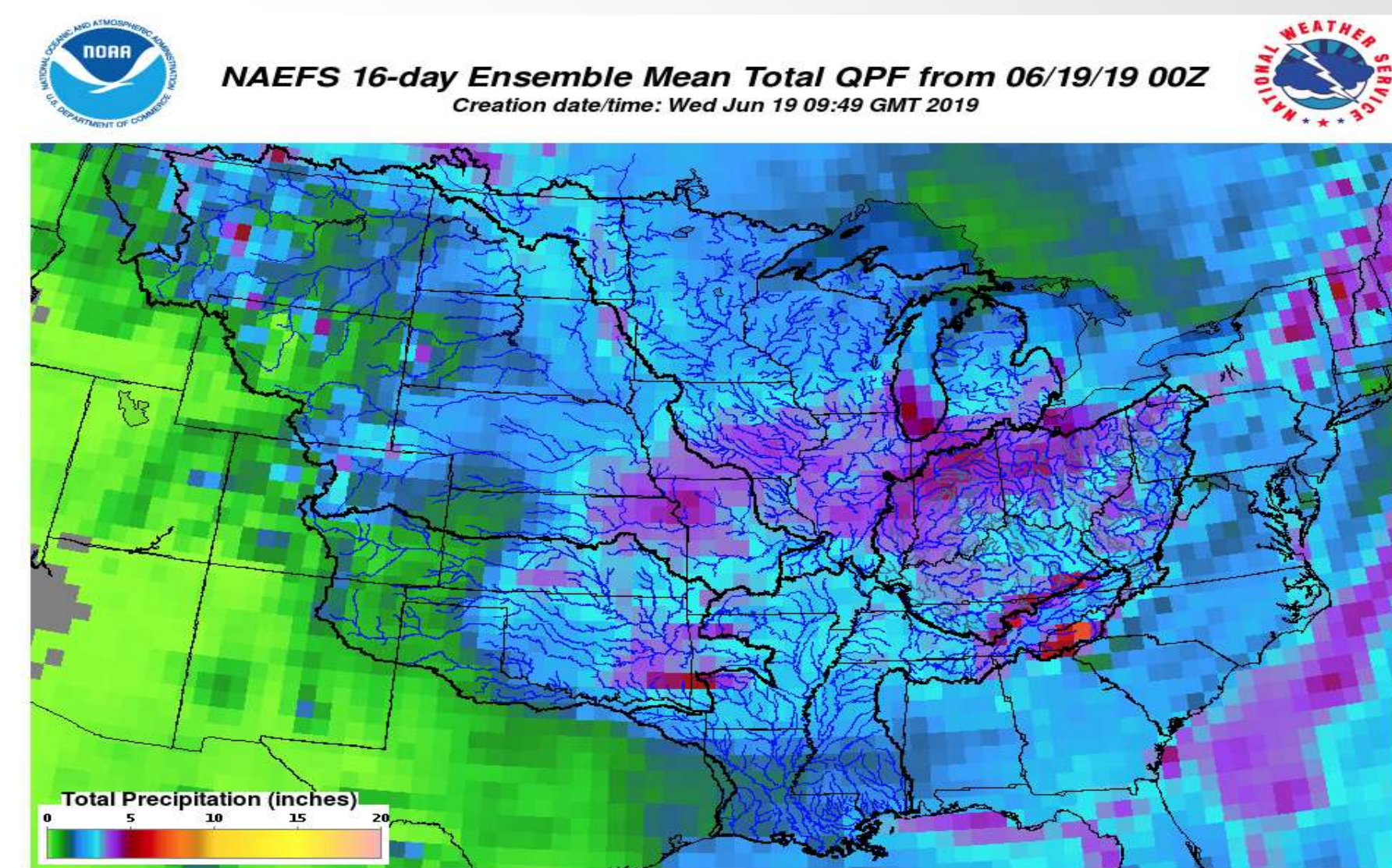


Mississippi River Outlook

7 Day Future Rainfall



16 Day Future Rainfall



- The 16 Day future rainfall is showing 2 to 5 inches over parts of TX, OK, MO, IL, & the Ohio Valley. This rain would slow recessions on the lower Mississippi River in a couple of weeks. The rain will keep stages elevated longer for the lower Mississippi River.
- Flooding and elevated levels will continue through June and July.

Today's Weather



SR ROC
REGIONAL OPERATIONS CENTER

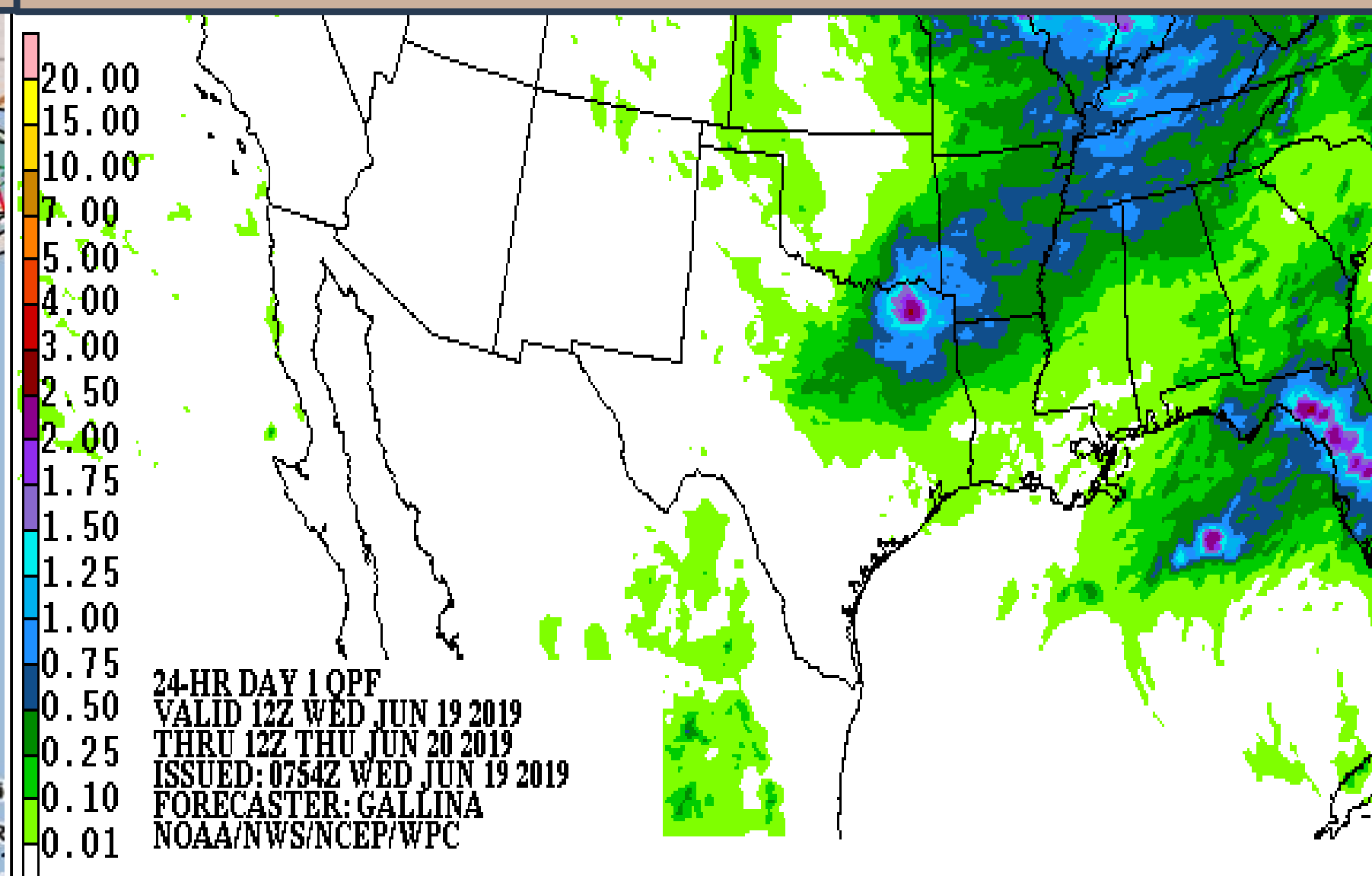
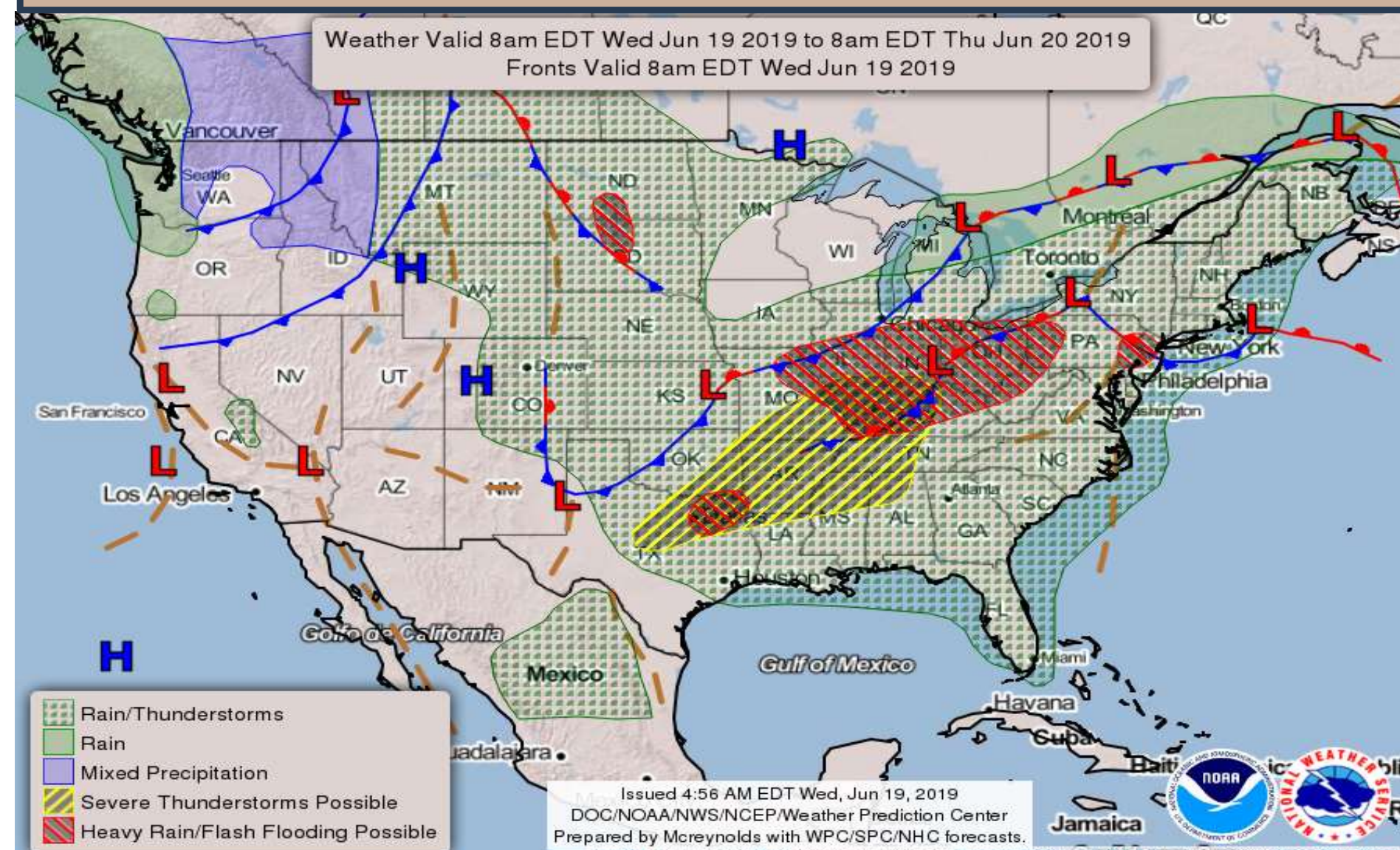
Forecast Chart

Forecast Rainfall

Enhanced risk of severe thunderstorms with damaging winds/large hail and an isolated tornado being the main threats across NE TX.

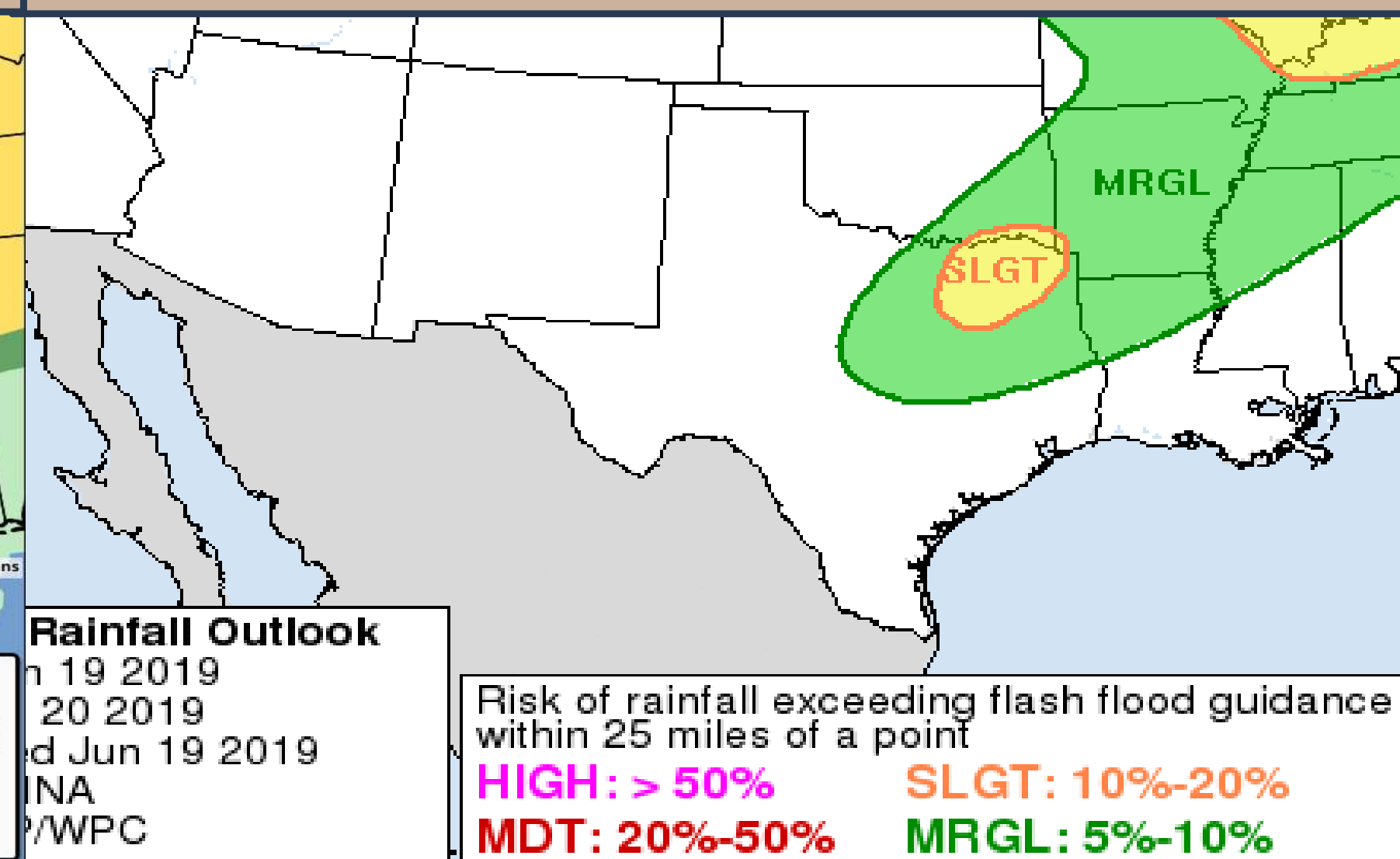
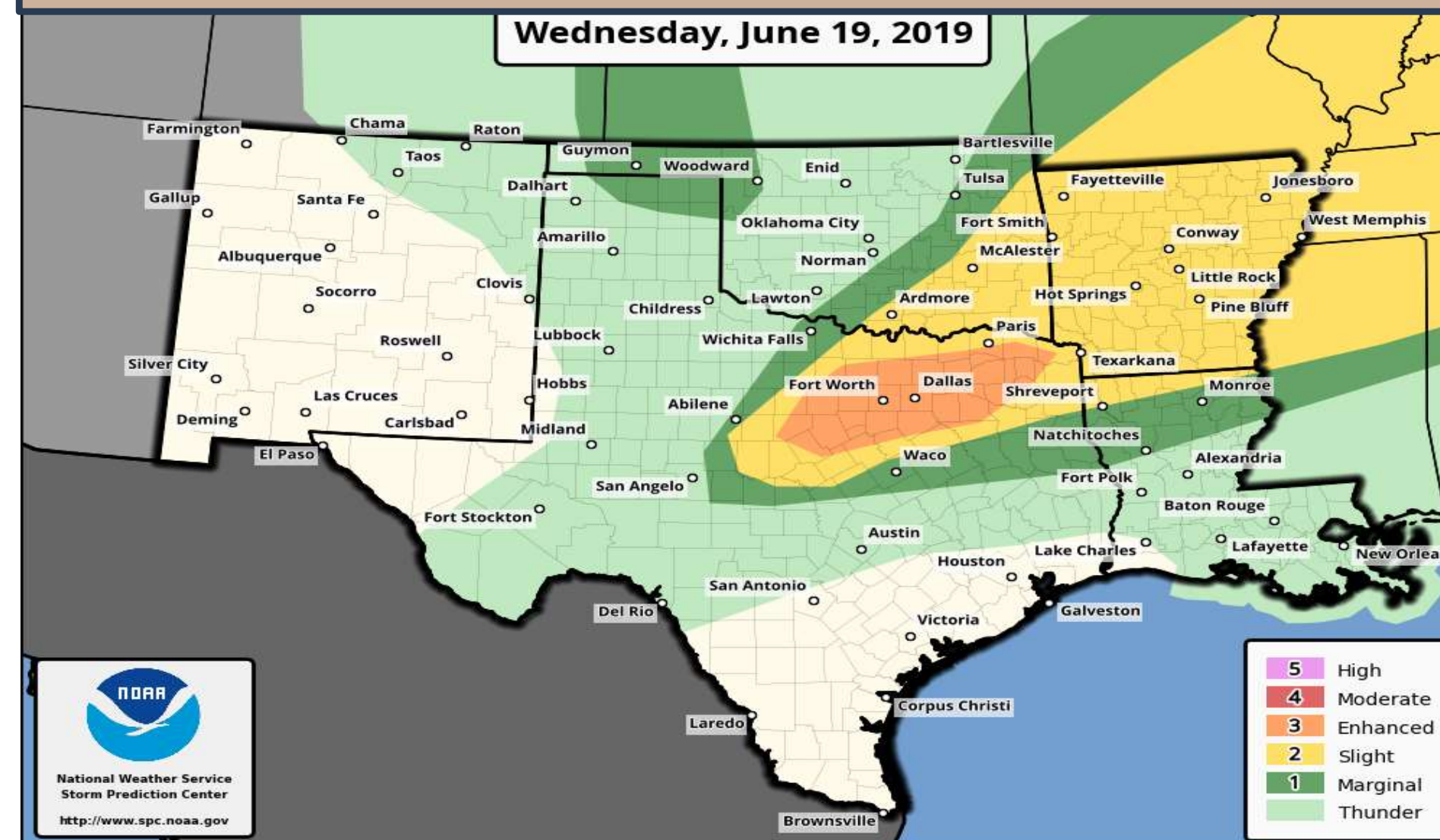
A slight risk of severe storms with damaging winds/hail being the main threats in SE OK/N LA/AR.

Heavy rainfall/flash flooding possible across NE TX.



Severe Weather Outlook

Excessive Rainfall Outlook



Tomorrow's Weather

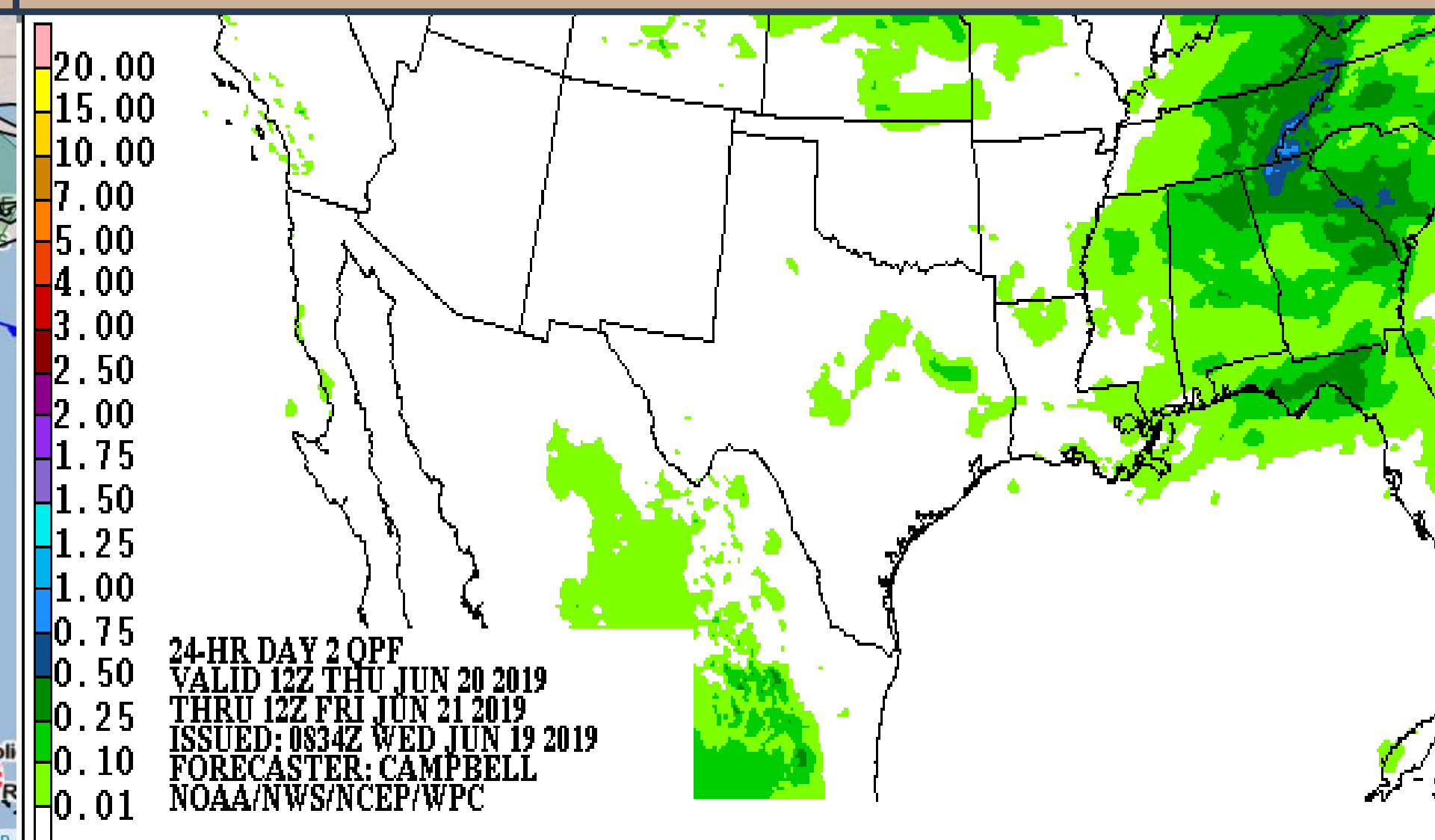
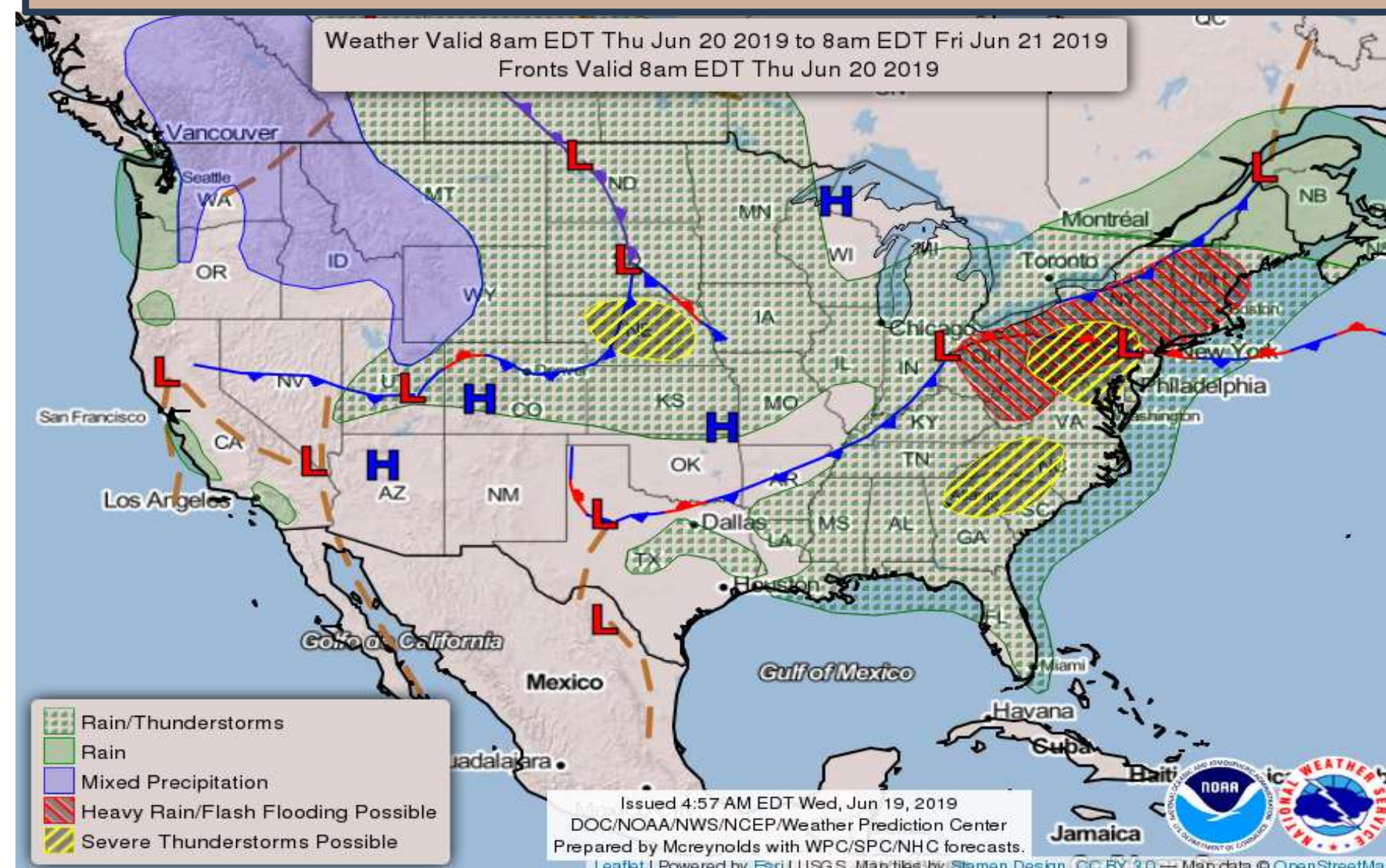


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

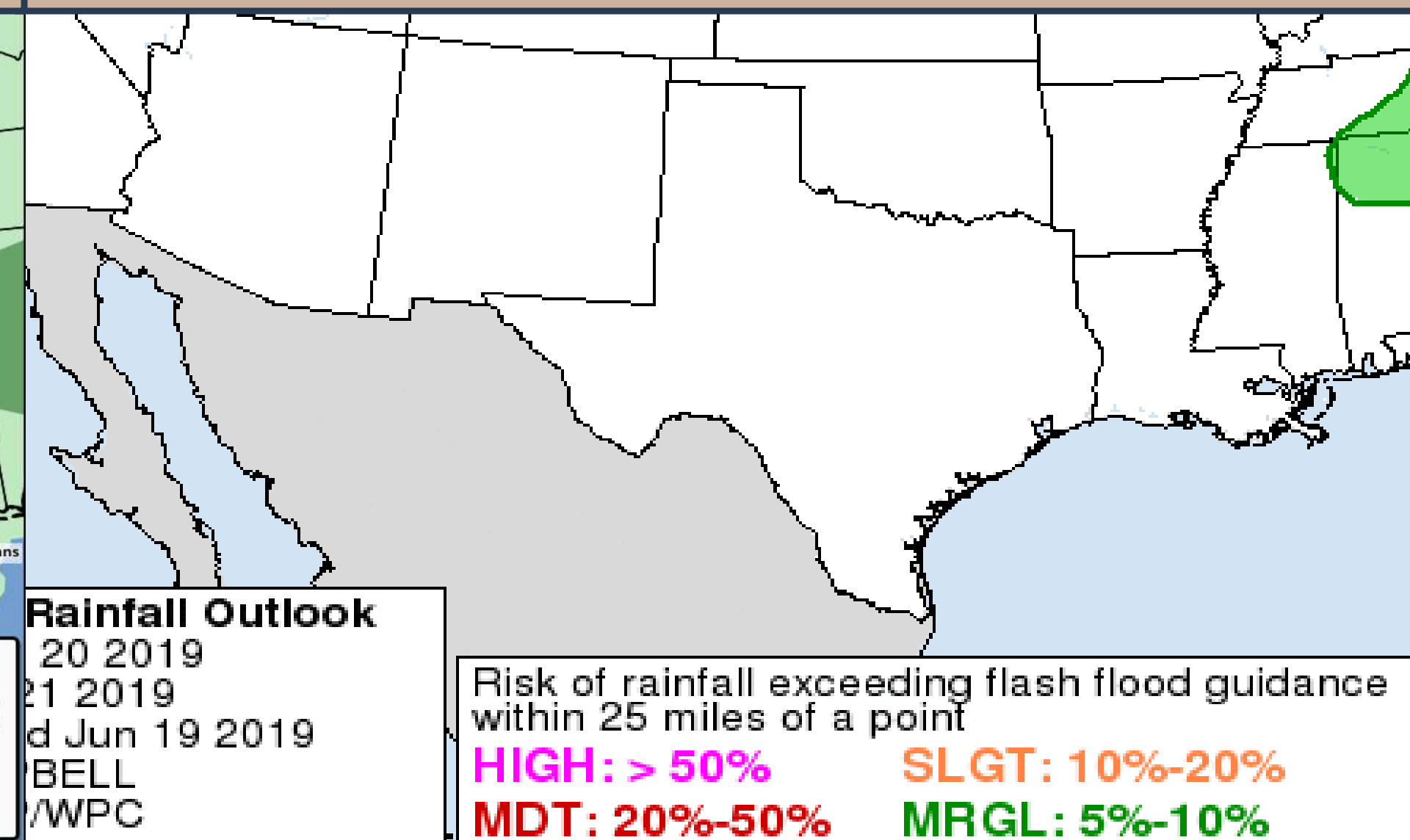
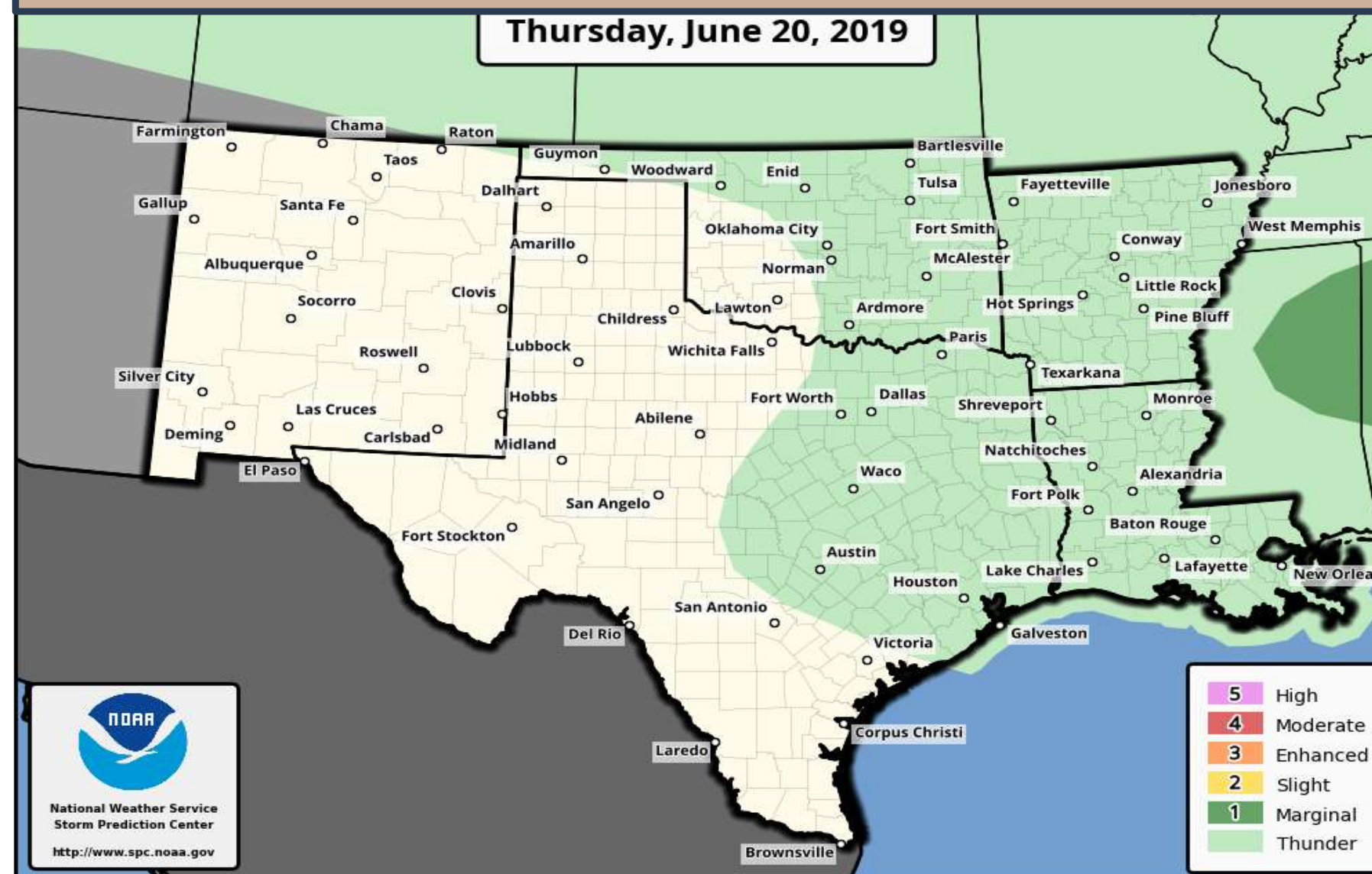
Forecast Rainfall

No significant weather impacts expected.



Severe Weather Outlook

Excessive Rainfall Outlook



Friday's Weather

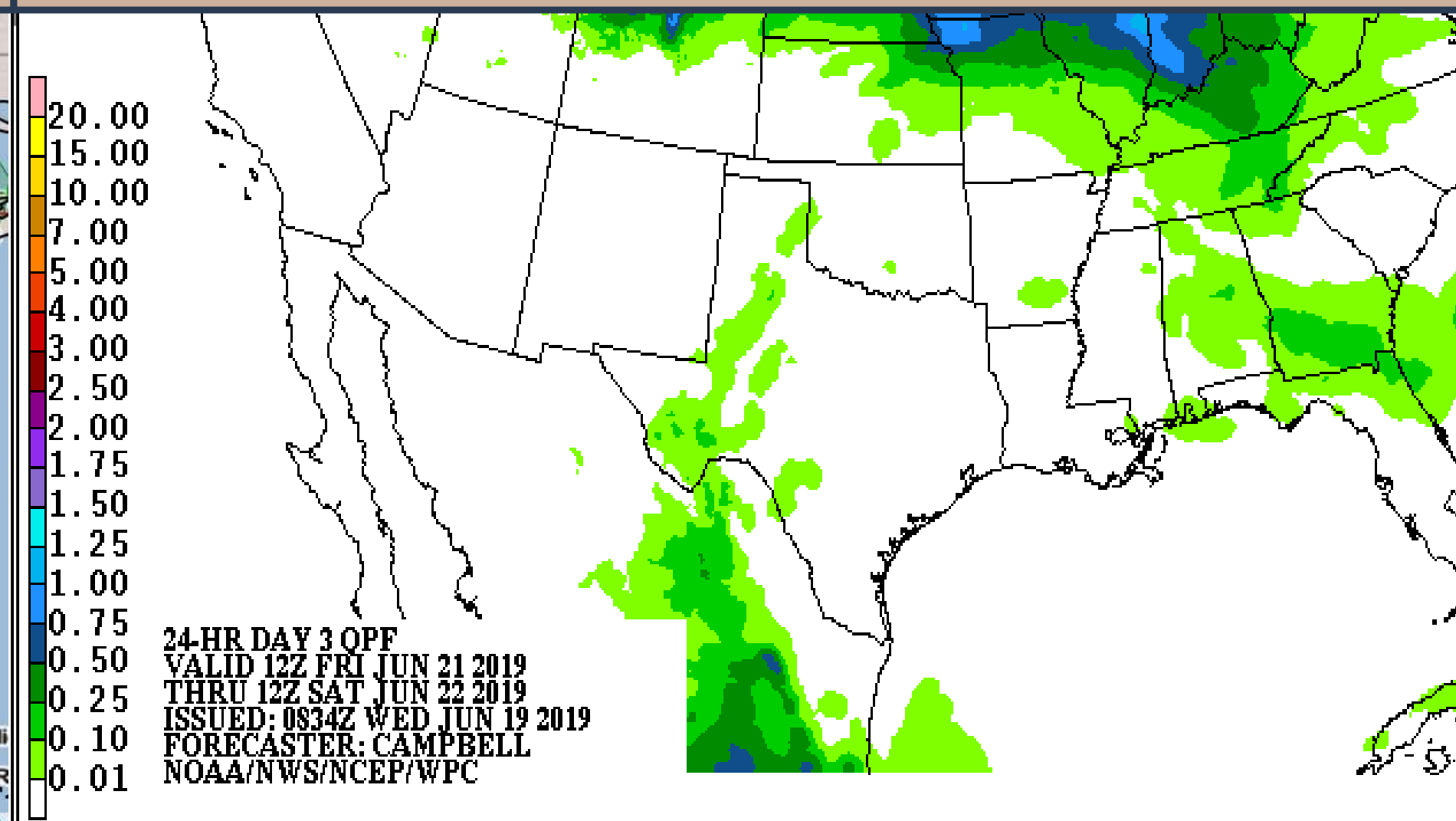
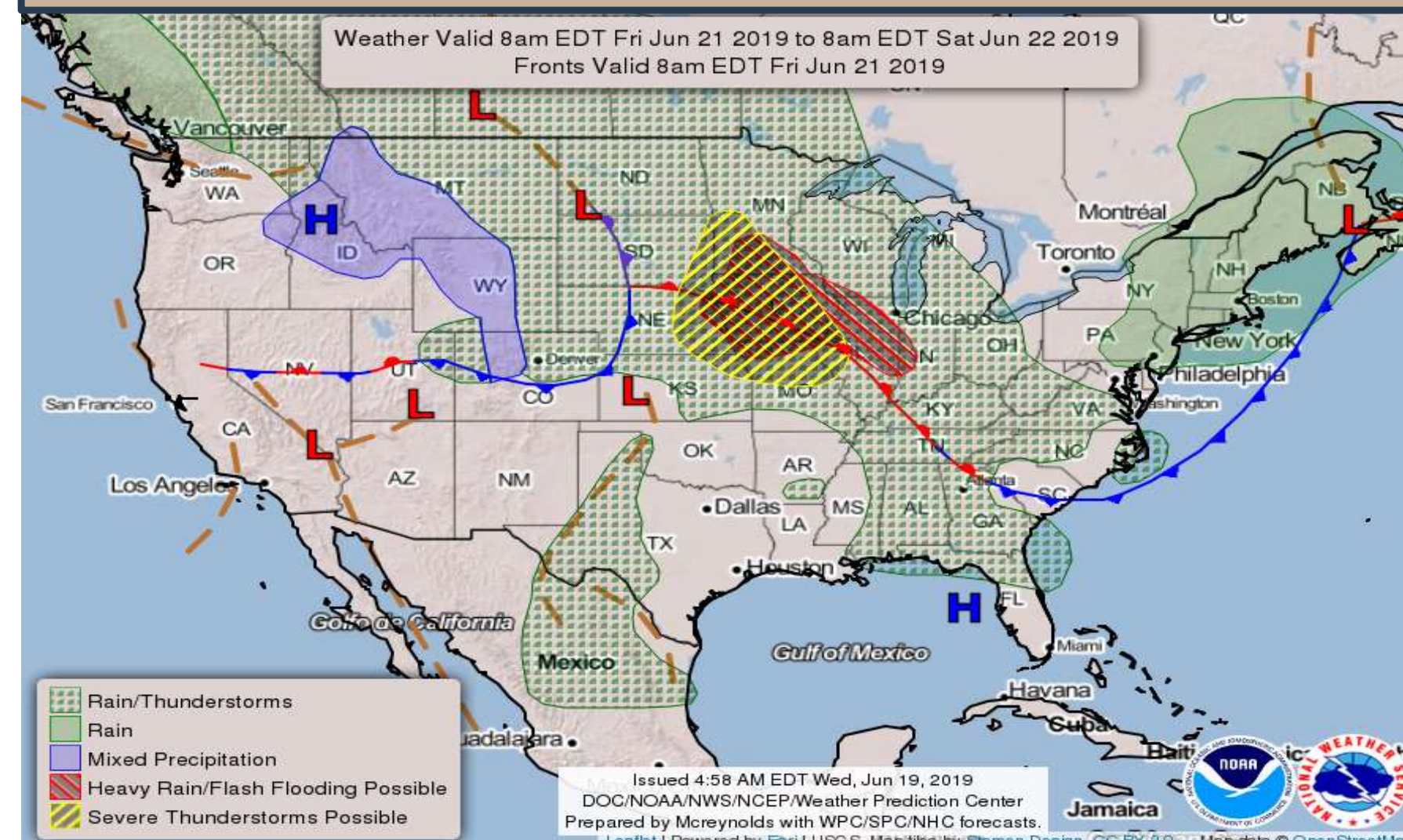


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

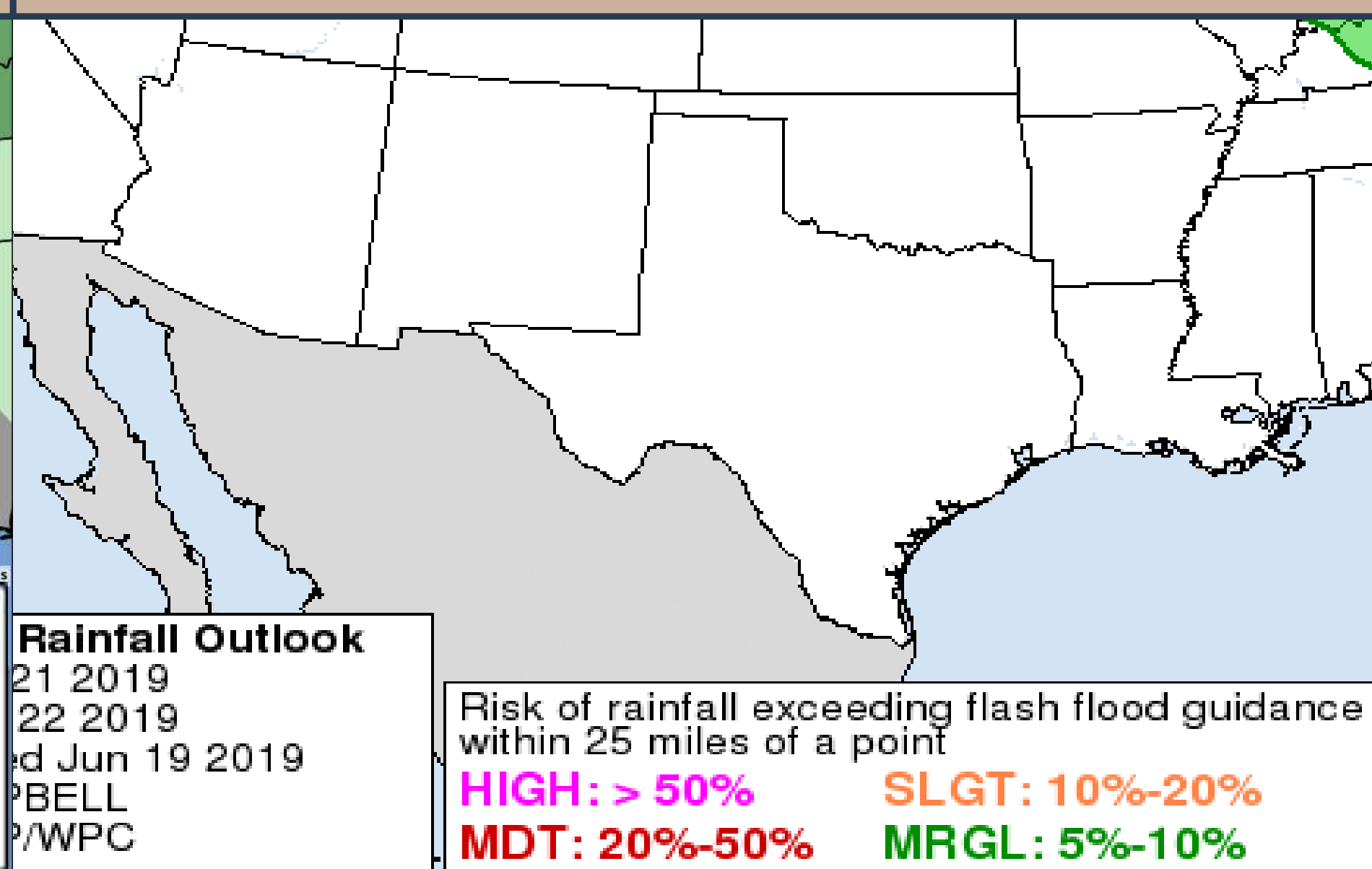
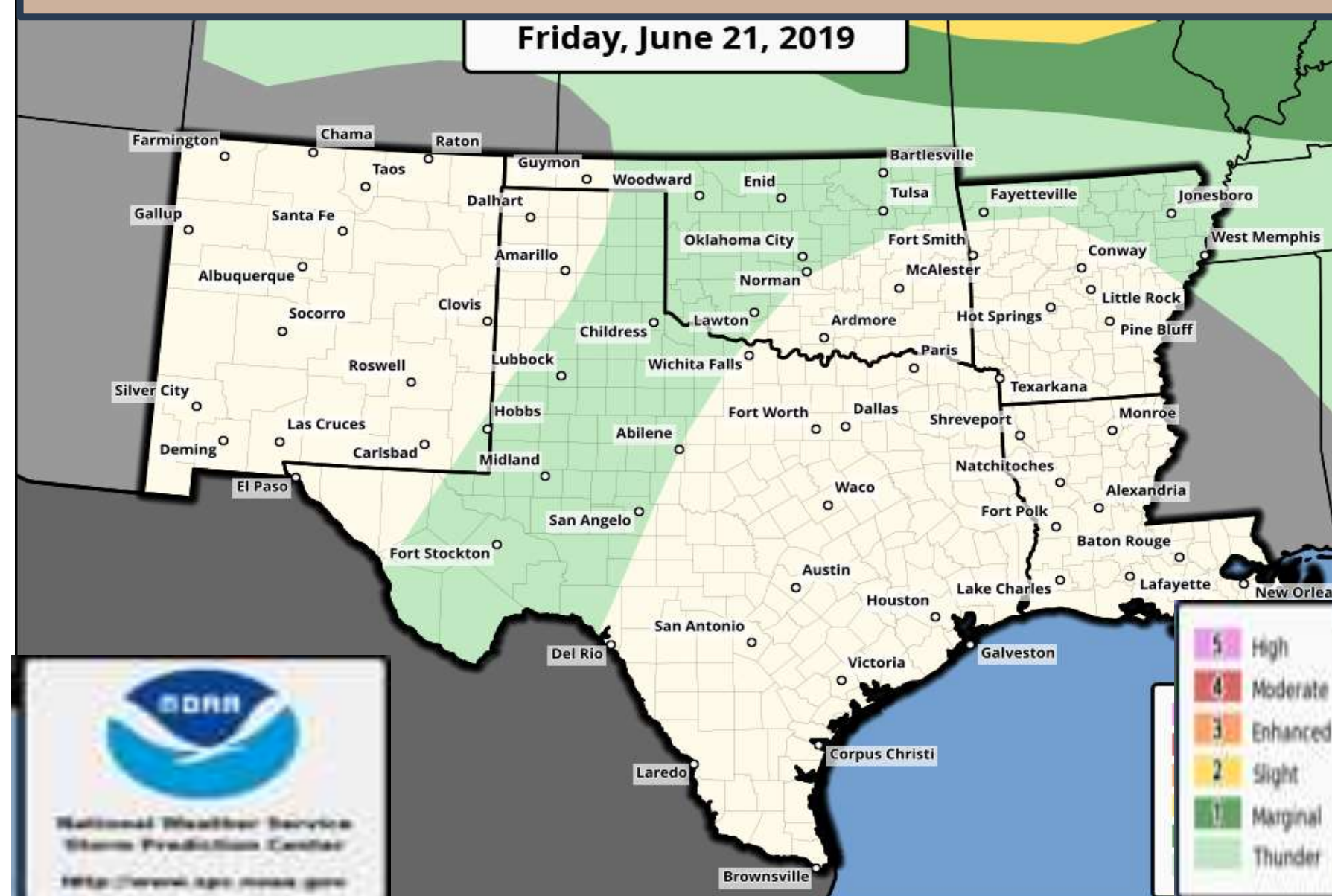
Forecast Rainfall

No significant weather impacts expected.



Severe Weather Outlook

Excessive Rainfall Outlook

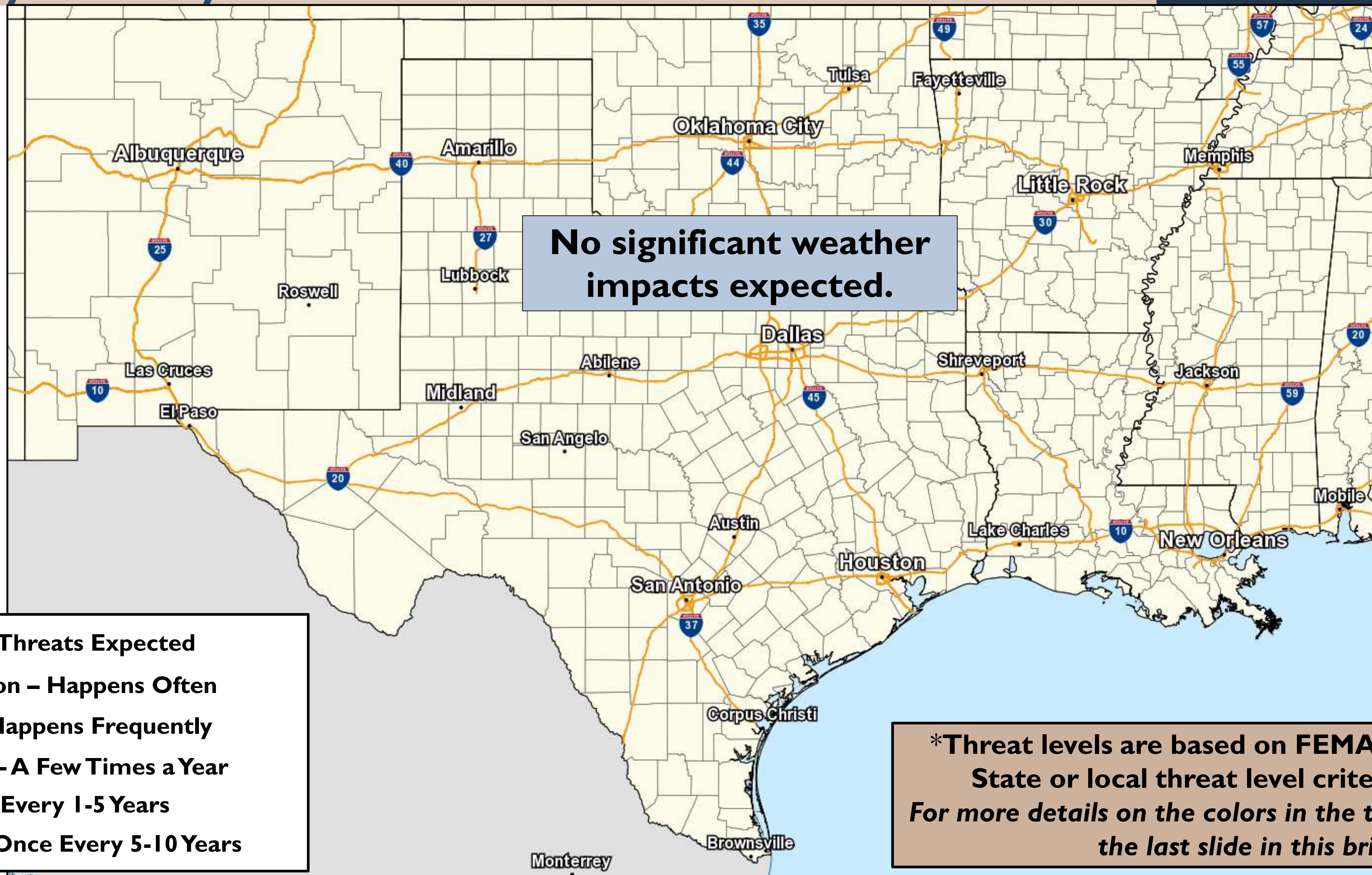


Days 4-5 Weather Hazards

Saturday – Sunday



SR ROC
REGIONAL OPERATIONS CENTER



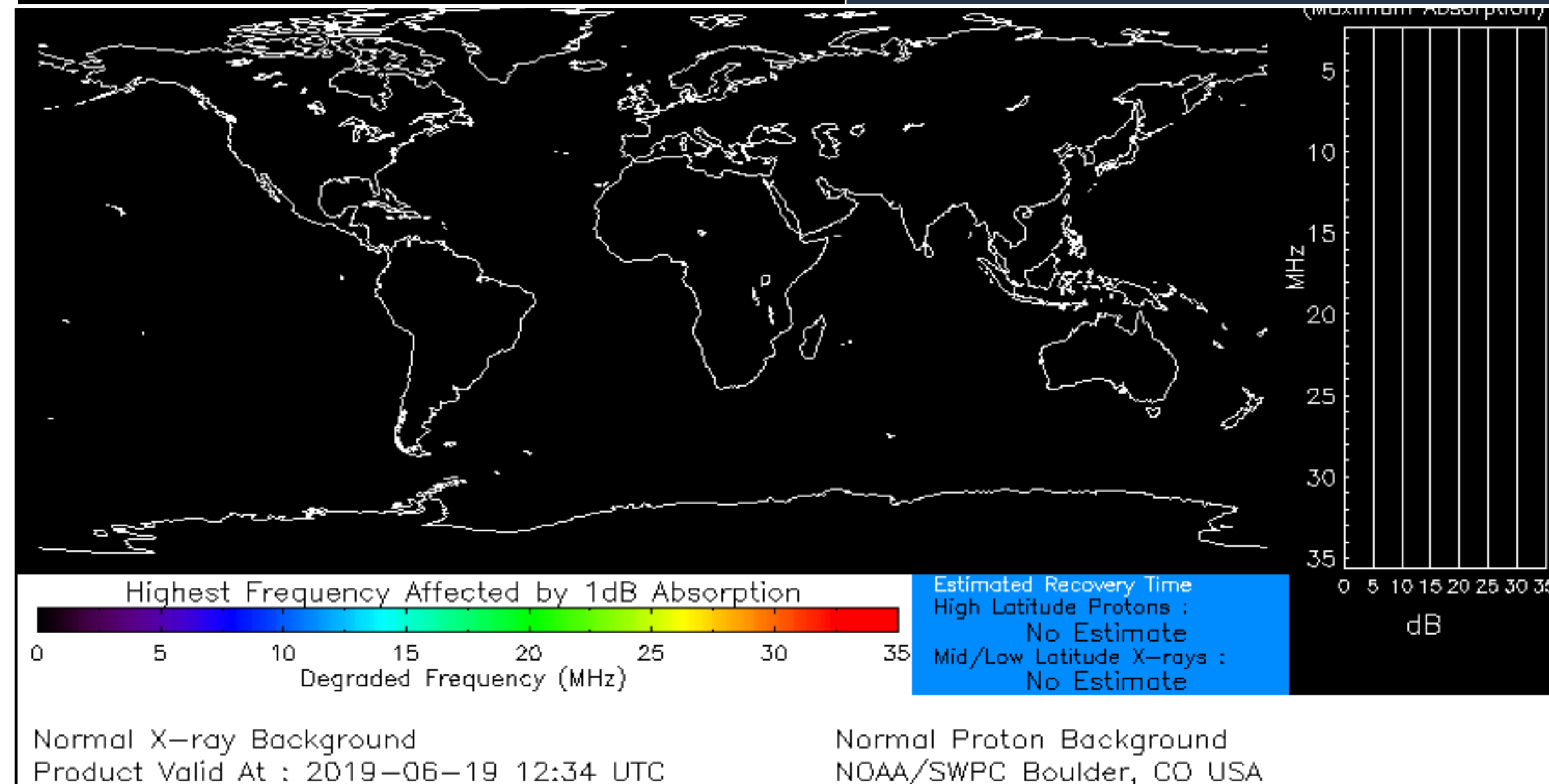
***Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.***
*For more details on the colors in the threat matrix refer to
the last slide in this briefing.*

Space Weather 3-Day Forecast



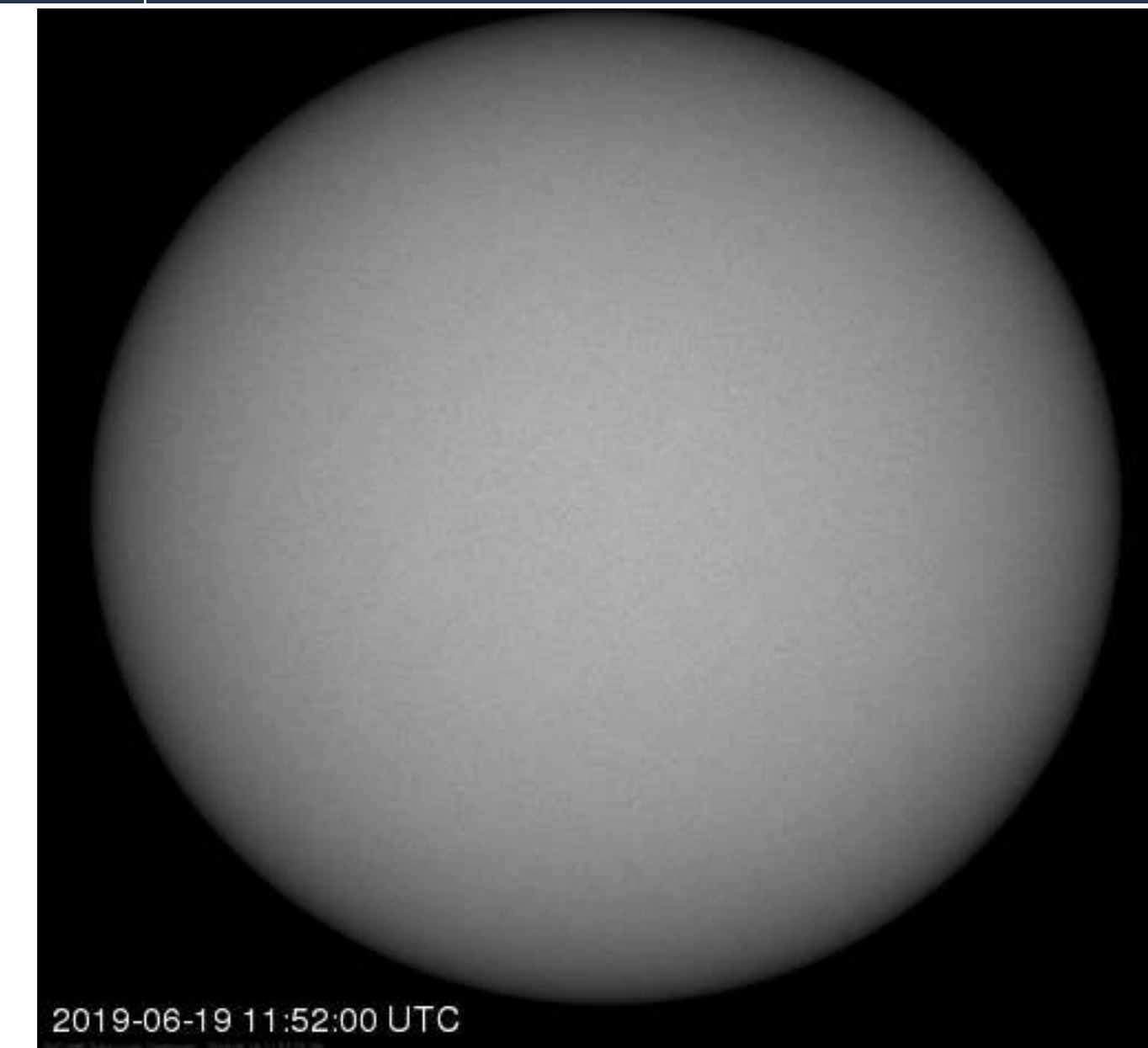
SR ROC
REGIONAL OPERATIONS CENTER

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov